

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|---|------------------|---------|------------------|
| S79 | 2018 | 347/68.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 16:26 |
| S80 | 2018 | S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 17:23 |
| S81 | 661 | 347/70.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 16:26 |
| S82 | 661 | S81 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 16:55 |
| S83 | 783 | 347/71.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 16:26 |
| S84 | 783 | S83 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 16:30 |
| S85 | 261 | 347/72.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 16:26 |
| S86 | 261 | S85 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 16:31 |

EAST Search History

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|-----|-----|--|---|----|----|------------------|
| S87 | 631 | 347/50.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 16:55 |
| S88 | 2 | S80 and first near (land (contact near pad)) same second near (land (contact near pad)) same piezoelectric near (element device actuator body structure) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 17:25 |
| S89 | 20 | first near (land (contact near pad)) same second near (land (contact near pad)) same piezoelectric near (element device actuator body structure) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 17:25 |

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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 2 | piezoelectric near (element device structure) same first near (land (contact near pad)) same second near (land (contact near pad)) same (electrode conductor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/19 08:59 |
| L2 | 3381 | 347/68-72.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/19 08:59 |
| L3 | 2 | L2 and piezoelectric near (element device structure) same first near (land (contact near pad)) same second near (land (contact near pad)) same (electrode conductor). clm. | US-PGPUB | OR | ON | 2007/03/19 09:00 |
| L4 | 631 | 347/50.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/19 09:00 |
| L5 | 1 | L4 and piezoelectric near (element device structure) same first near (land (contact near pad)) same second near (land (contact near pad)) same (electrode conductor). clm. | US-PGPUB | OR | ON | 2007/03/19 09:00 |
| L6 | 2 | "347"/\$.ccls. and piezoelectric near (element device structure) same first near (land (contact near pad)) same second near (land (contact near pad)) same (electrode conductor).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/19 09:02 |